

Docket No. 217 – Development and Management Plan Inspection

Northeast Utilities Service Company Certificate of Environmental Compatibility and Public Need for the construction of a 345-kV electric transmission line and reconstruction of an existing 115-kV electric transmission line between Connecticut Light and Power Company's Plumtree Substation in Bethel, through the towns of Redding, Weston, and Wilton, and to the Norwalk Substation in Norwalk, Connecticut.

Date: August 3, 2005

Inspector: David Stowe

Location: 345kV XLPE Component

Storm/

Rain Event: Approximately 0.48" of rain was recorded on 7/28 with possibly higher localized totals as reported by NOAA.

| Areas of Inspection | Observation | Recommended Action | Corrective Action |
|------------------------------------|--|---|--|
| Access Roads and Adjacent Roadways | <ul style="list-style-type: none"> -The jack and bore of East Swamp Brook is accessed from the roadway and along an access area from the ball field. 8/3/06. - No obvious sediment tracking was present on the roadway but silt fence along the ballpark yard is coming down. 7/26-8/3/06 - Vault access continues to be necessary in a few locations including along Rt 58. 7/12-8/3/06 -Timber swamp mats remain in place at the Hoyts Hill access off Rt. 58. This is not for 345kV XLPE work.6/20-8/3/06 | <ul style="list-style-type: none"> - Equipment is demobilizing from the site. 8/3/06. - The adjacent area will be restored when access is complete. Monitor tracking on the roadway. 6/20-8/3/06 - None at this time. 8/3/06 - 345kV XLPE crews will restore the area and remove stone when applicable, following the access needs. Do not access without mats in place. 8/3/06 | <ul style="list-style-type: none"> - Not applicable (N/A) at this time -See erosion control section - N/A - Needs attention when work is complete. |
| Trench and foundation construction | <ul style="list-style-type: none"> - Work at the jack and bore of East Swamp Brook is almost complete. Sheet piling has been removed from | <ul style="list-style-type: none"> - See erosion control section for recommendations regarding the EC matting on the bank. 8/3/06 | <ul style="list-style-type: none"> - See EC section |

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| | the receiving pit side of the stream 8/3/06 | | |
| Trench and foundation construction | -The bore is complete. An open trench remains at the jack and bore pad to connect into the system. 8/3/06 | -See erosion control section for recommendations. 8/3/06 | -N/A |
| | - Repair of guardrails and miscellaneous tasks along Rt 58 remain. 8/3/06 | - None at this time. 8/3/06 | -N/A |
| | -Vaults were being accessed along the route to pull cable. 5/25-8/3/06 | -None at this time. 8/3/06 | - N/A |
| Erosion and Sediment Controls (includes inspection within 24 hours of a storm event) | - Silt fence is in good shape at vault 2A&B. Adjacent areas are well restored and vegetative cover continues to establish. 7/12-8/3/06 | - Continue to monitor but the restoration efforts were good and grass is growing. 8/3/06 | -N/A |
| Jack and Bore | -Banks were restored with erosion control blankets but they have since slumped down along the slope. 8/3/06 | -Repair the matting ASAP and secure well. Pull back any sediment if necessary. 8/3/06 | -Needs attention |
| | - Sheeting was pulled from the receiving pit. 8/3/06 | - Restore the top of bank and slope ASAP once the sheets are removed from the area. 8/3/06 | - Needs attention when access is complete |
| | - Minor repairs are needed to the silt fence along the ball park access 7/26-8/3/06 | - Repair as necessary. The adjacent area will be restored when work is complete. 7/26-8/3/06 | - Needs attention when feasible |
| | - Stockpiles were against the silt fence at the jacking pit pad 8/3/06 | - Pull the stockpile back from the fence if feasible and make sure it does not overtop. 8/3/06 | - Needs attention when feasible |
| Whittlesey Dr and Judd Ave | - The repaired slope along Whittlesey Dr. remains in good shape. 8/3/06 | -Continue to monitor. If vegetation can establish before the next significant storm it should stabilize. 7/12-8/3/06 | - N/A |

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| Hoyts Hill | - Vault 5 is one of the few remaining areas to restore following access. 8/3/06 | - Continue to monitor and restore when access finishes up. 8/3/06 | - N/A until access is done. |
| Inland Wetland and Watercourse encroachment and mitigation | -Sheet piling was removed from the top of bank of East Swamp Brook. The erosion control blanket here needs repair. 8/3/06 - Mats remain the base of slope at Hoyts Hill. 345kV crews will be restoring this area when access is complete. 7/5-8/3/06 | -Blankets need to be restored and secured. Restore banks further if necessary 8/3/06 -When access needs are complete, restore and allow wetland vegetation to return. All stone and gravel will have to be removed carefully and then high organic content soil should be placed here. Do not fill over the gravel. 7/5-8/3/06 | -Needs attention -N/A until access is done. This appears to be soon |
| State species of concern, threatened and endangered species | -The D&M plan and clearance letter states that state-listed species are not located in this work area. -The wood turtle was noted at Plumtree Substation during the 5/25/06 inspection. | - N/A -345kV XLPE crews should also be performing daily walkthroughs before moving equipment if working in this vault. Be vigilant when moving equipment. 4/26-8/3/06 | -N/A - Crews were informed |
| Vegetative clearing limits (including trees to save or danger trees noted) | - Other restored areas had noticeable grass growth. Roadside areas along Rt 58 were restored. 8/3/06 - The area near vault 5 and adjacent to the ballpark remain to be restored. 7/12-8/3/06 - The jacking pit pad will also need restoration when work is complete. 8/3/06 | - Continue to monitor for final stabilization and restore any recently accessed areas if necessary. 8/3/06 - These areas will be restored when access needs are complete. 7/5-8/3/06 - Restore when feasible. 8/3/06 | - N/A - N/A until access needs are complete -N/A at this time |
| Dewatering | - Dewatering system from well points at the jack and bore continue | - Continue to use all necessary controls. 6/7-8/3/06 | - N/A |

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| | while the system is connected at the jacking pit. 8/3/06 | | |
| Soils | - Topsoil remains stripped and stockpiled at the contractor yard. 3/15-8/3/06 | - None at this time. Controls are well installed here. 3/15-8/3/06 | - N/A |
| | - A stockpile is in place at the jacking pit pad. 8/3/06 | - See erosion control section | -N/A |
| Spills and Material Storage Areas | - Equipment should be stored overnight up to 100ft or as far from resource areas where practicable. 1/19-8/3/06 | - Report spills immediately, even if they are being controlled. - Any fuels and agents not in use should be covered and stored before leaving for the day. - Continue to keep all vehicles maintained well (i.e. no apparent fluid leaks) if they will be used or stored on site. | -N/A at the time |

Next likely scheduled inspection:

Thursday August 10, 2006

I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statements made in this document or its attachments may be punishable as a criminal offense in accordance with Section 22a-6 under Section 53a-157 of the Connecticut General Statutes.

Inspector's Signature:

Diana Walden for David Stowe



345kV XLPE: Photo on the left shows the sheet piling has been pulled from the receiving side of the stream. The erosion control matting installed last week is slumping along the bank. Photo on the right show the silt fence along the means of access to the stream needing some maintenance.



Photo on the left shows an open trench remaining at the jack and bore pad to connect into the system. This area will be restored when work is complete. Photo on the right shows a stockpile

immediately adjacent to the silt fence. Make sure this is not overtopped and pull soil back if feasible. 8/3/06